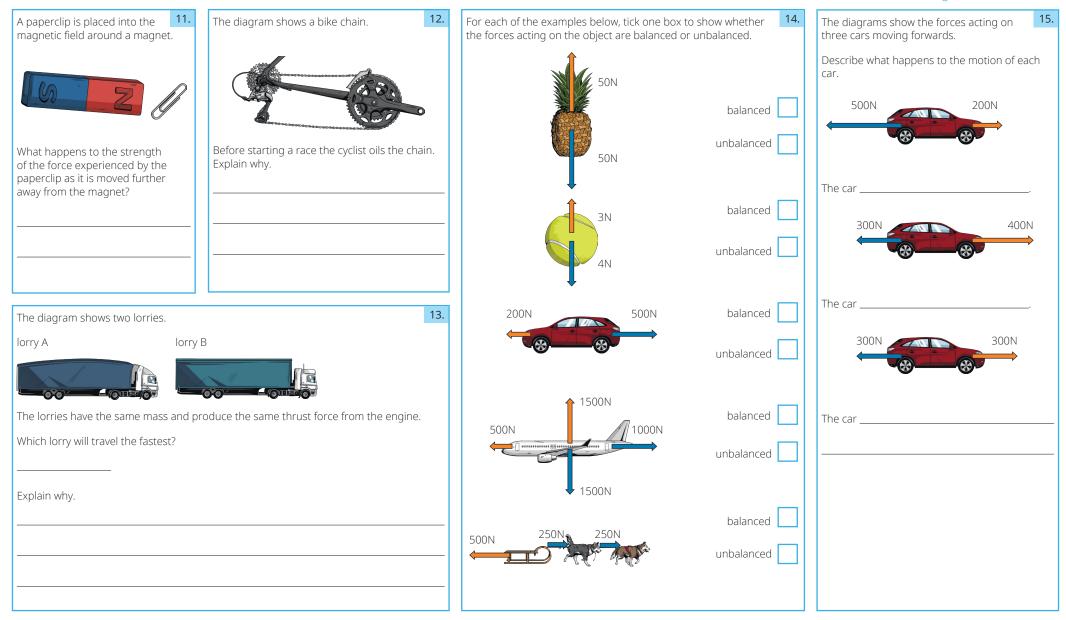
Forces Higher **Revision Mat**

Name three non-contact forces. 1.	Give three things that might happen to an object if the forces on it are unbalanced.	The diagram shows an object on a table. 6.	The mass of an object is 15kg.9.The gravitational field strength on Earth is 10N/kg.
		30N	What is the object's weight on Earth?
Name two resistive forces.	The diagram shows a yo-yo being used. 5.		The object is taken to Mars. Its mass does not change. Its weight on Mars is 55.5N. What is the gravitational field strength on Mars?
Name two other forces.	Label each arrow with the name of the force		
		The reaction force of the table acting on the object is 30N. What is the weight of the object?	
Give the unit that is used for 2. measuring forces.	A resistive force will also affect the movement of the	Write down the equation that links gravitational field 7 .	A car has a mass of 2000kg. 10. Calculate its weight on Earth.
Name the piece of equipment used to measure force.	yo-yo. What is the name of that force?	strength, mass and weight.	The car is used to drive to a holiday destination,
	The diagram shows a paper aeroplane that has been thrown across the room and is travelling forwards.		using a full tank of petrol. The weight of the car after the journey is 19 200N. Calculate the mass of the car after the journey.
An object has a mass of 600g. 3. What is its mass in kilograms (kg)?	Draw an arrow on the diagram to show the direction of gravitational force on the aeroplane. Label it A. Draw an arrow on the diagram to show the direction to resistance acts on the aeroplane. Label it B.		

3

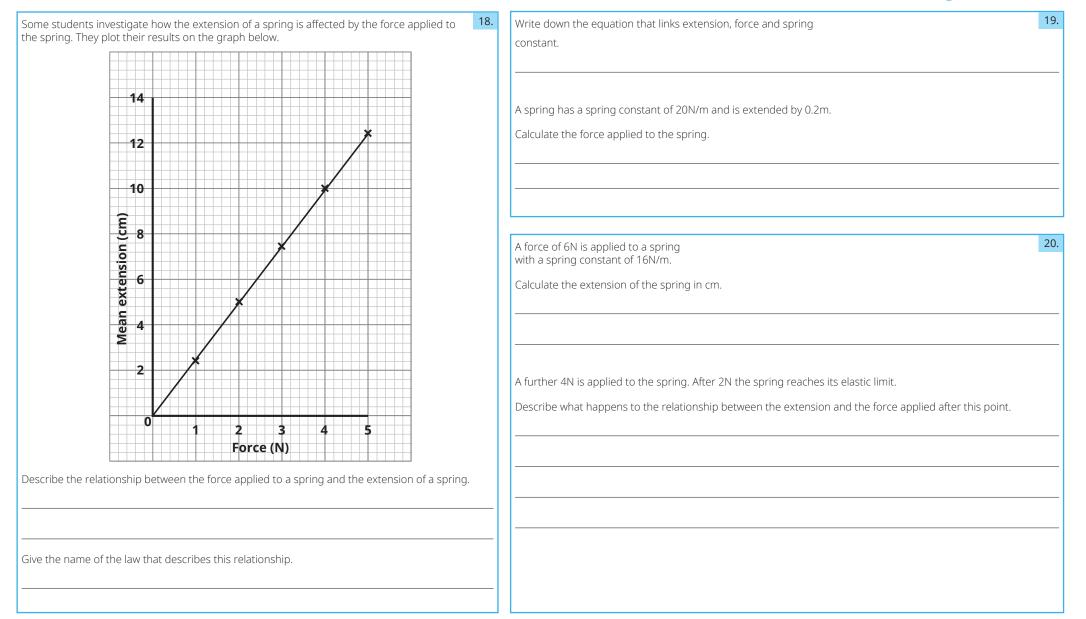
BEYOND SCIENCE



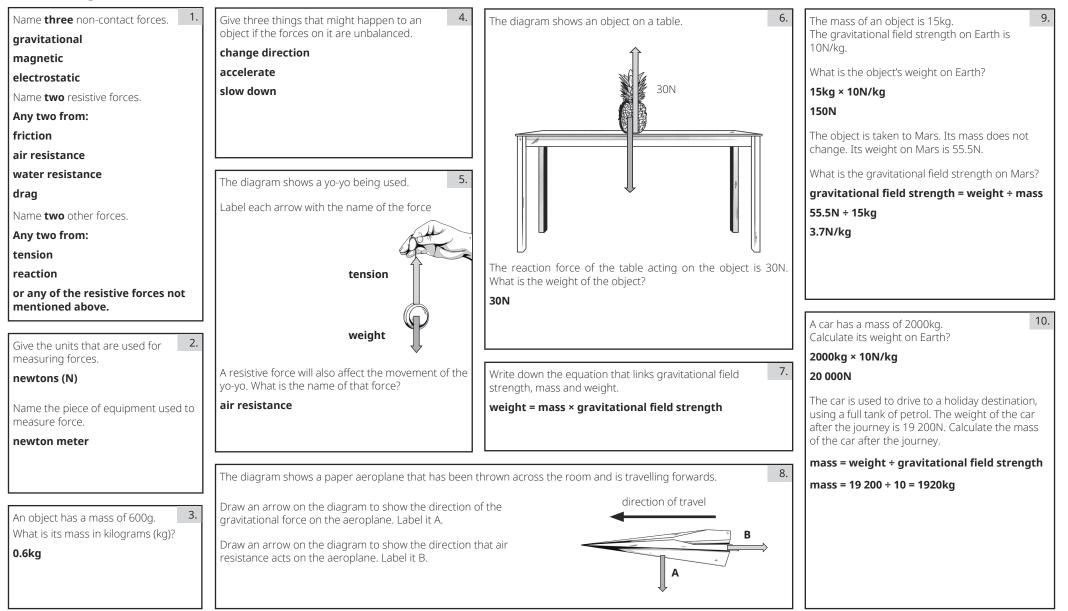


BEYOND SCIENCE

Forces Higher I	Revision N	Nat
-----------------	-------------------	------------

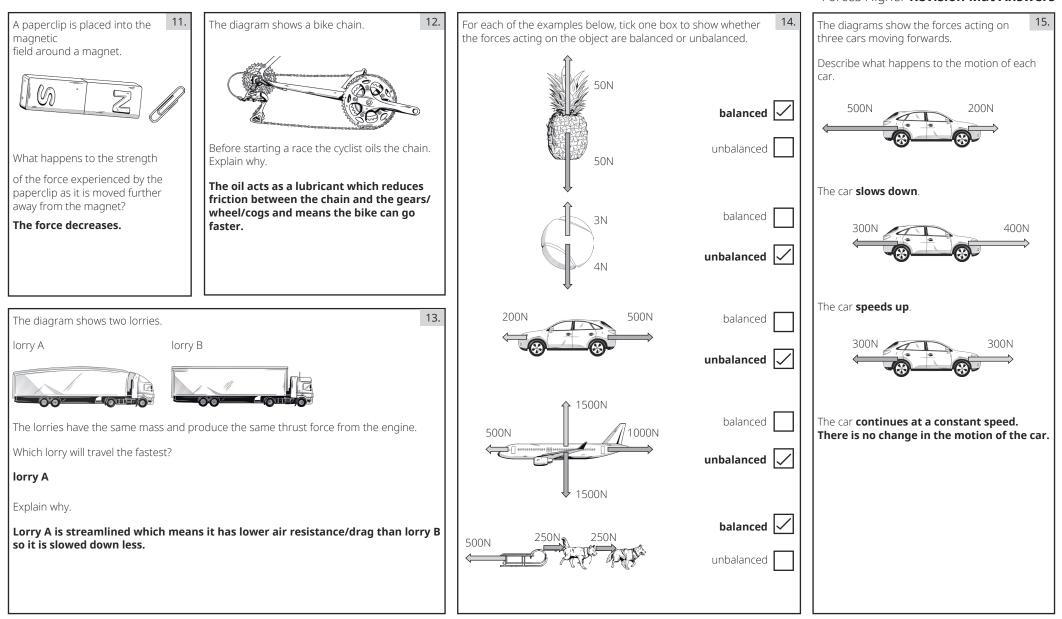


Forces Higher Revision Mat Answers





BEYOND SCIENCE



Forces Higher Revision Mat Answers

BEYOND SCIENCE

19.

20.

Forces Higher Revision Mat Answers

